## FIG.1A

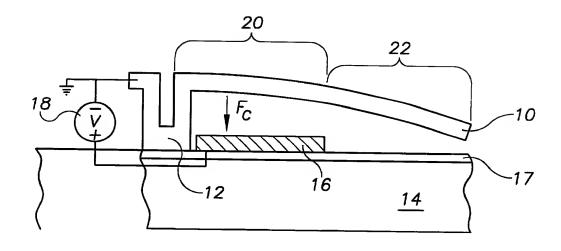
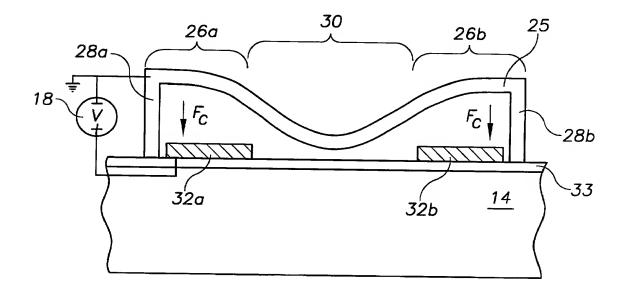
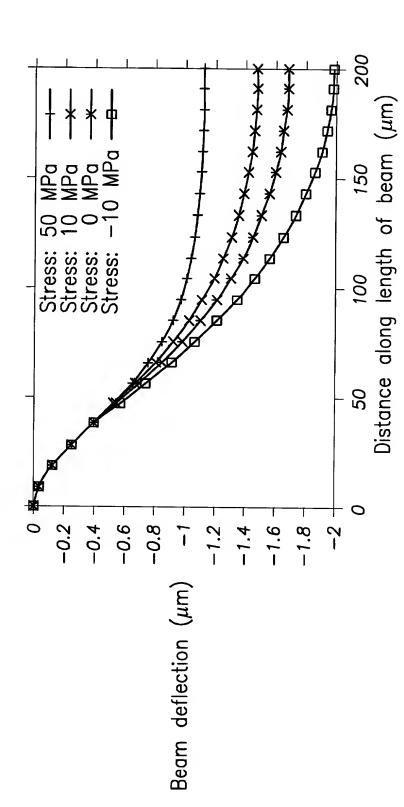


FIG.1B



F1G.2



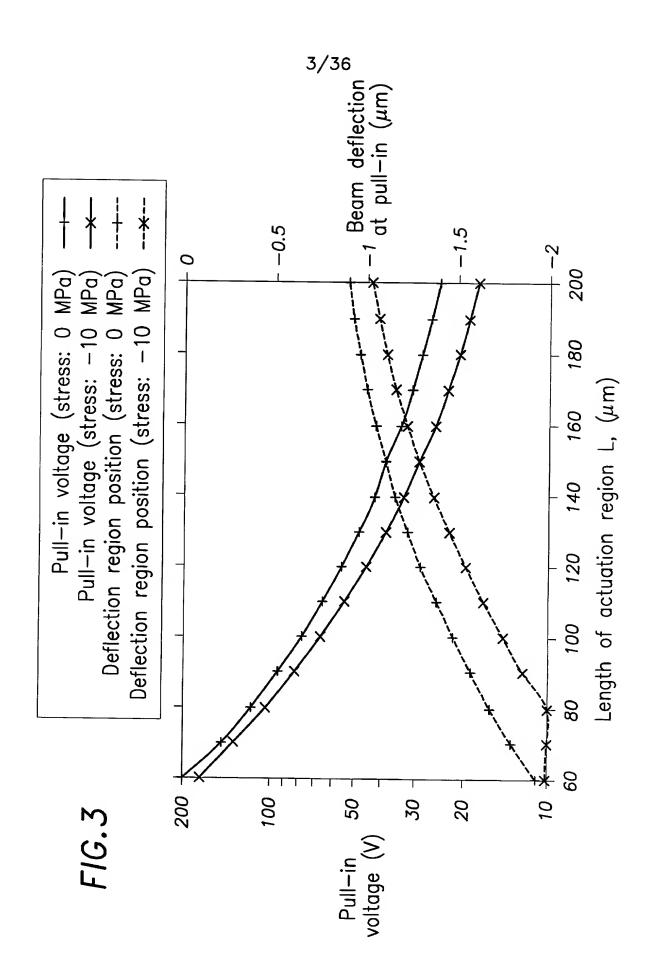
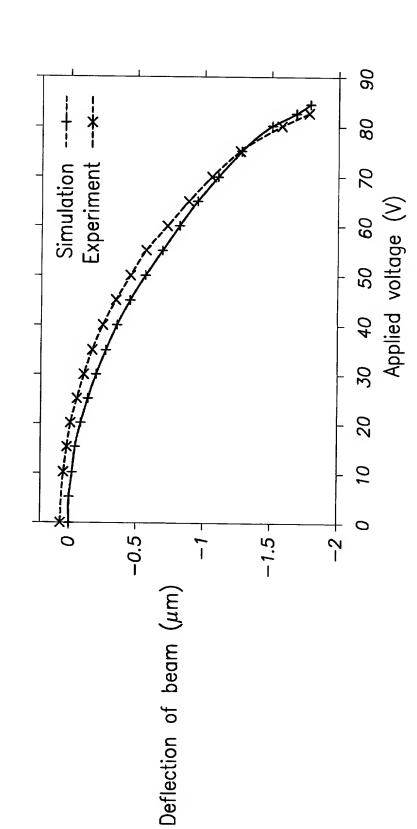


FIG.4



F1G.5

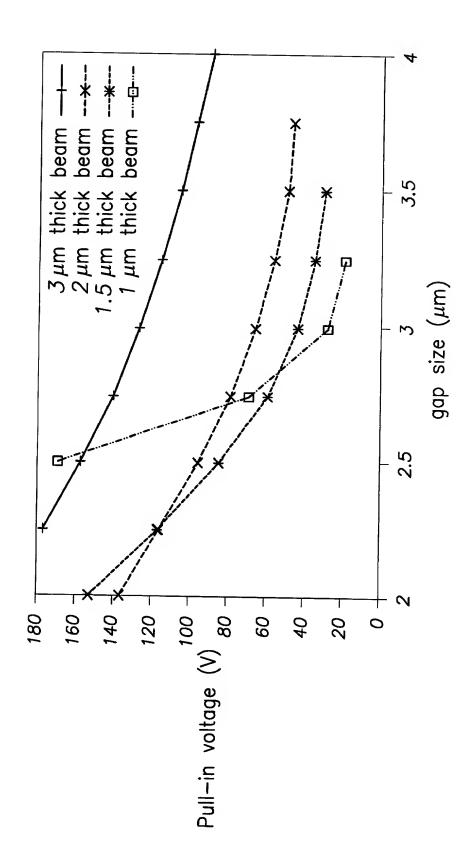


FIG.6A

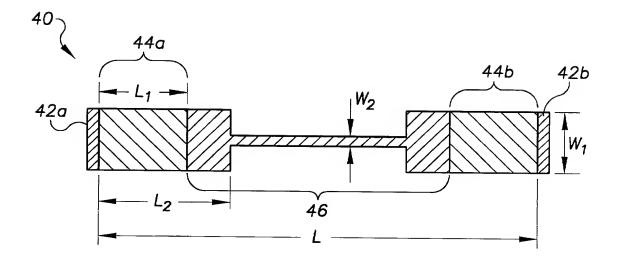
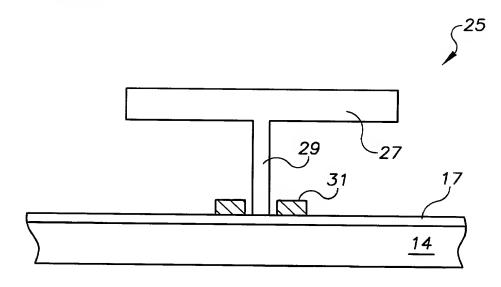


FIG.6B



The street of th

FIG.6C



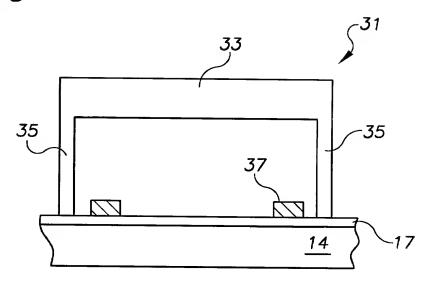
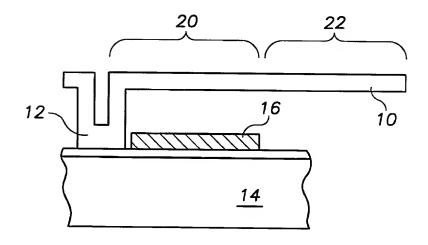
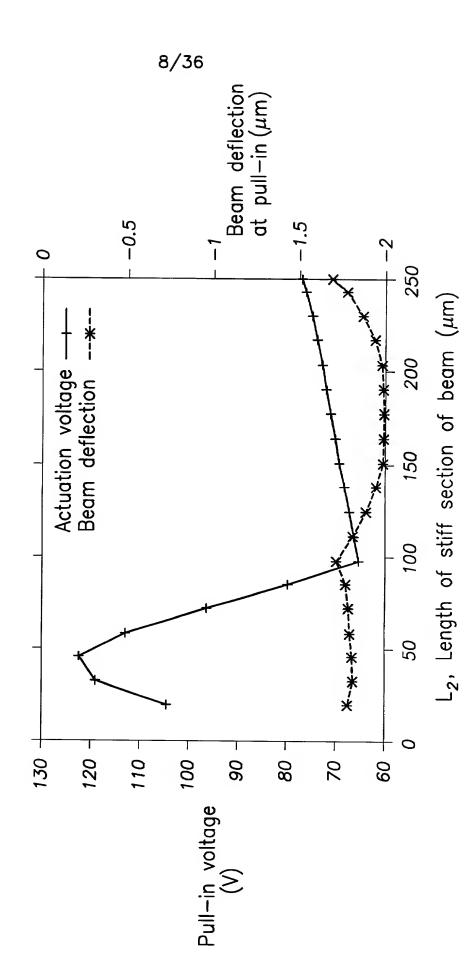


FIG.6D



F1G.7



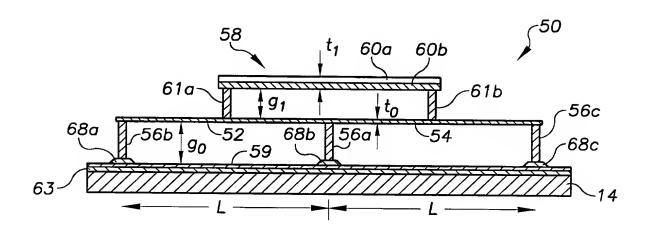
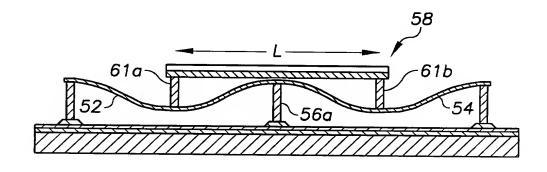


FIG.8B



## FIG.9A

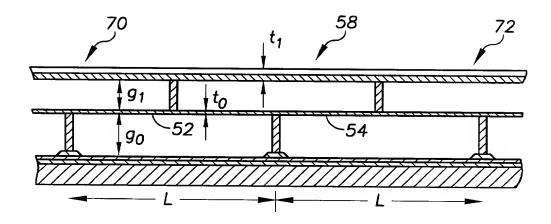


FIG.9B

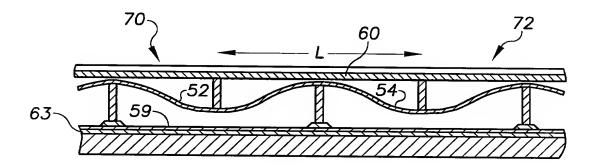
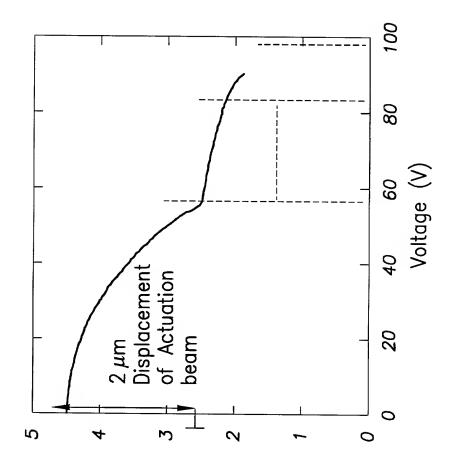


FIG. 10A



Actuation Gap  $(\mu m)$ 

FIG. 10B

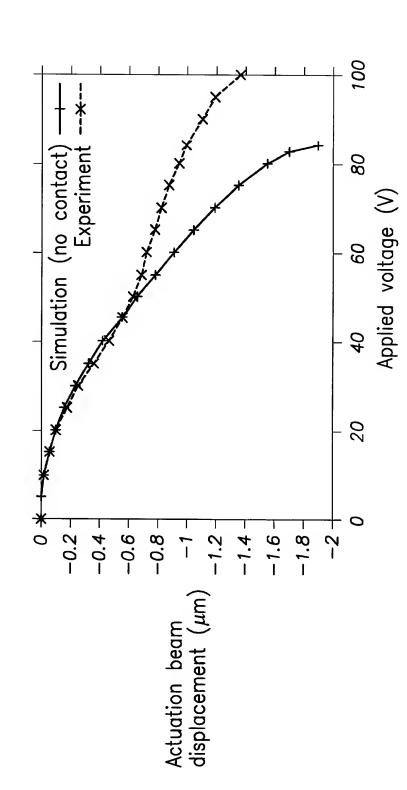


FIG. 11A

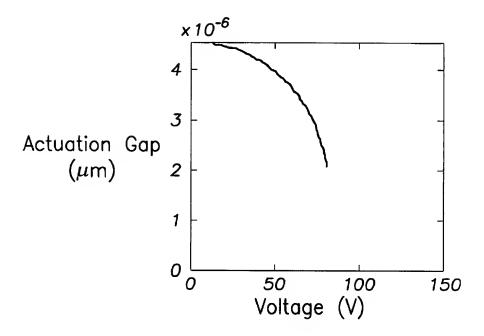


FIG. 11B

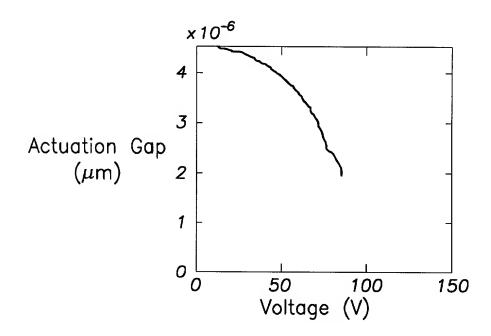


FIG. 11C

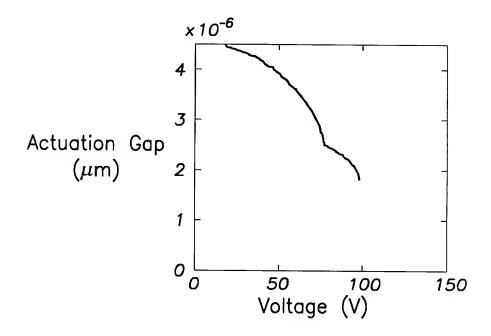
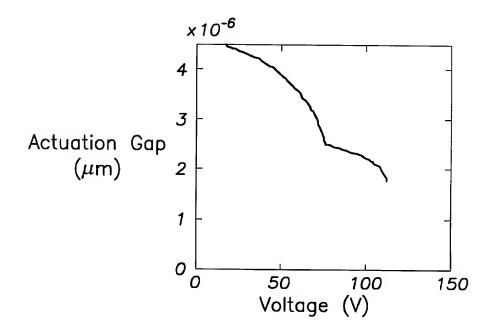


FIG. 11D



#### FIG. 11E

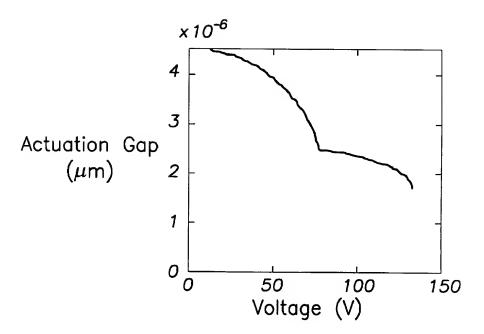
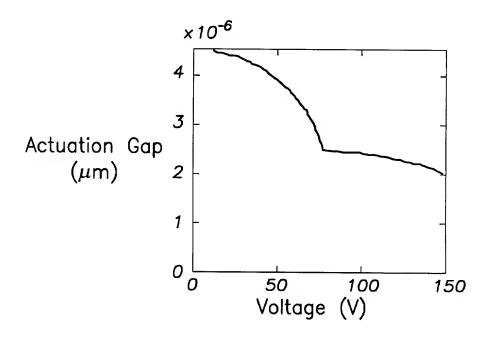


FIG. 11F



#### FIG. 12A

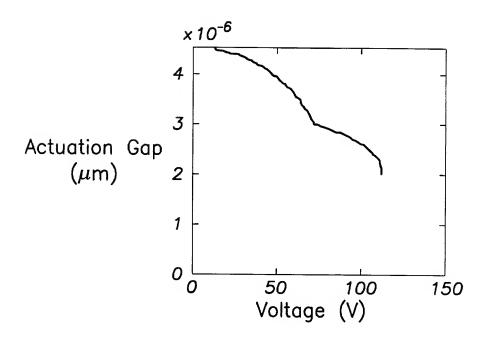
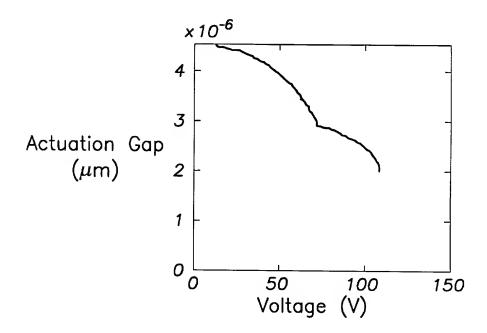


FIG. 12B



## FIG. 12C

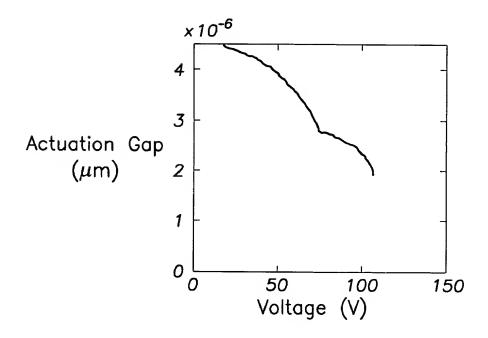
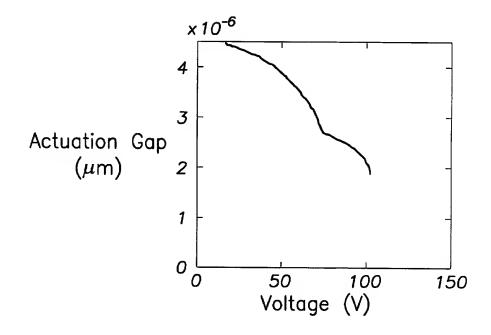


FIG. 12D



## FIG. 12E

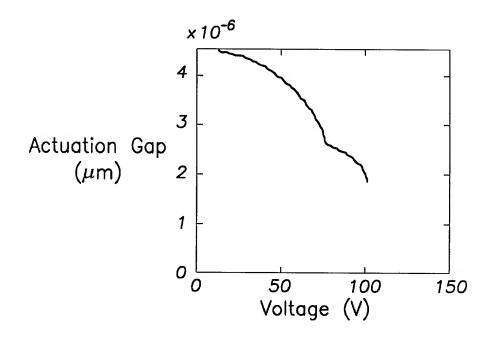


FIG. 12F

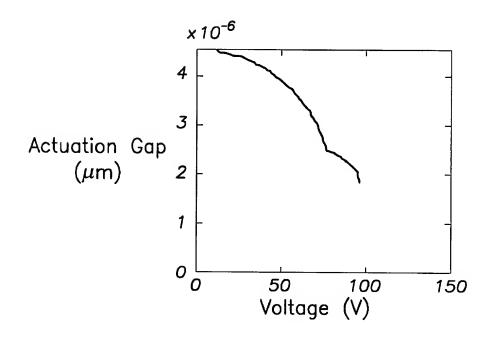


FIG. 13A

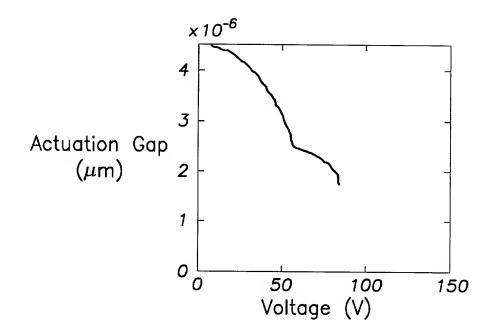


FIG. 13B

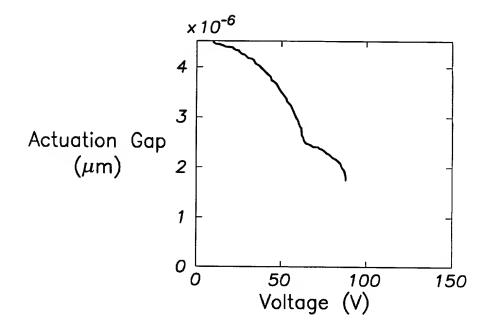


FIG. 13C

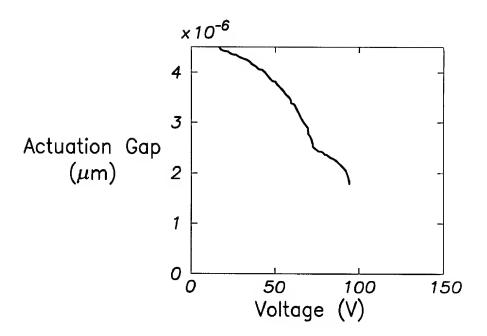


FIG. 13D

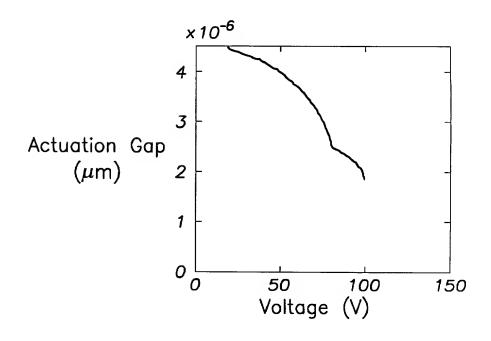


FIG. 13E

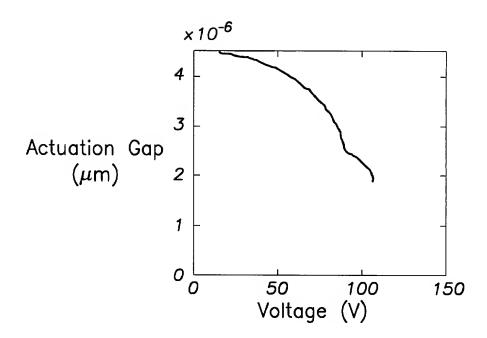


FIG. 13F

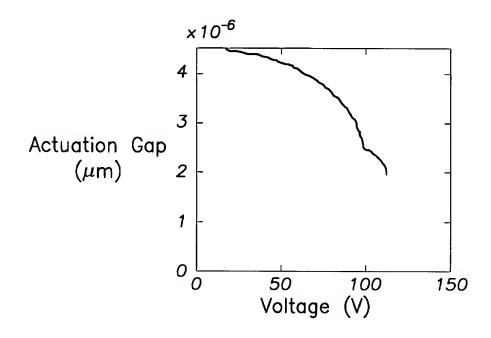
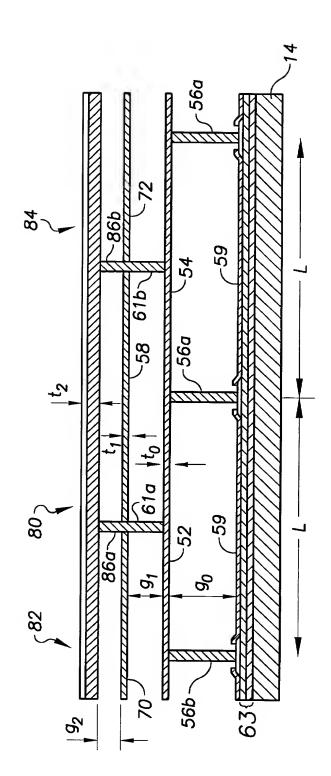


FIG. 14A



#### FIG. 14B

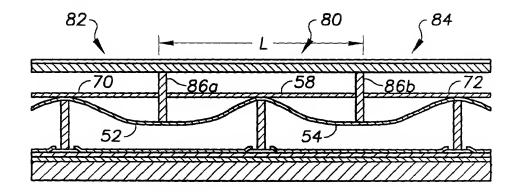
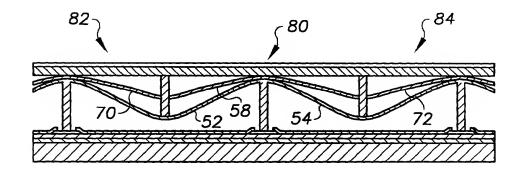


FIG.14C



#### FIG. 15A

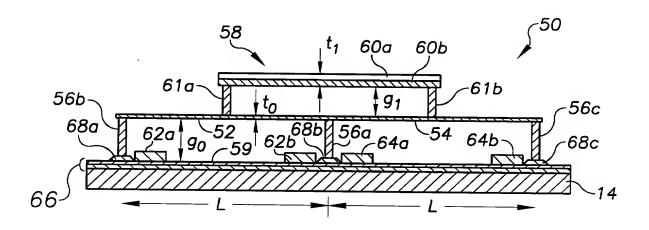
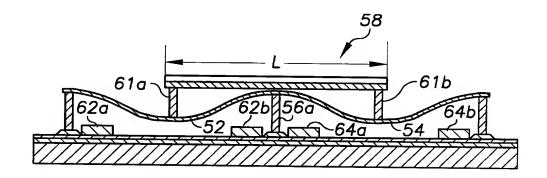


FIG. 15B



## FIG. 16A

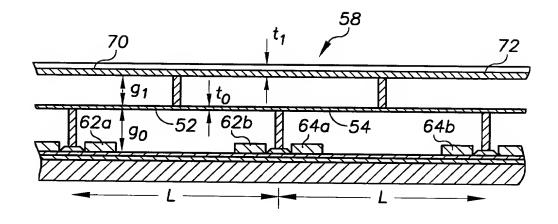
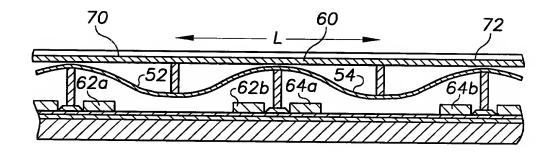


FIG. 16B



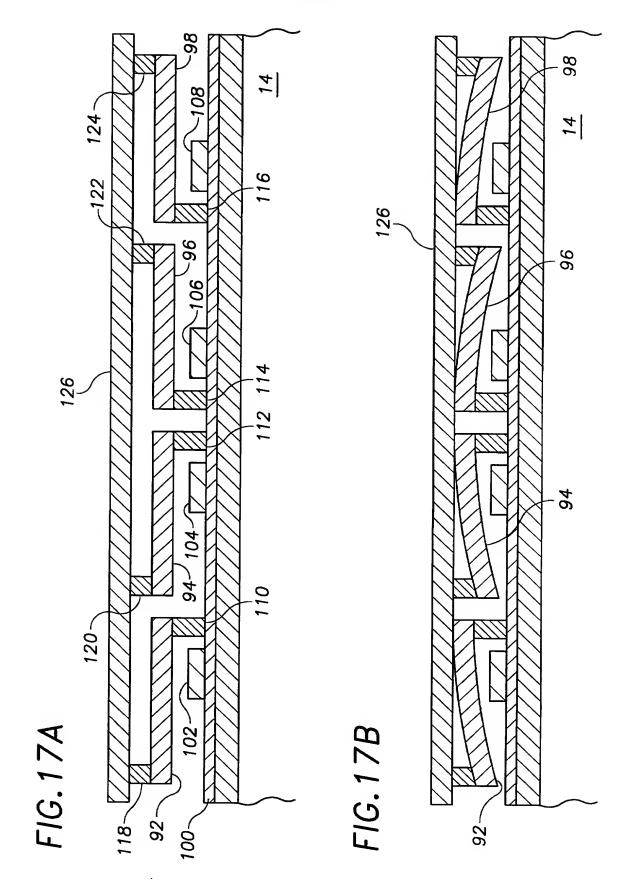


FIG. 18A

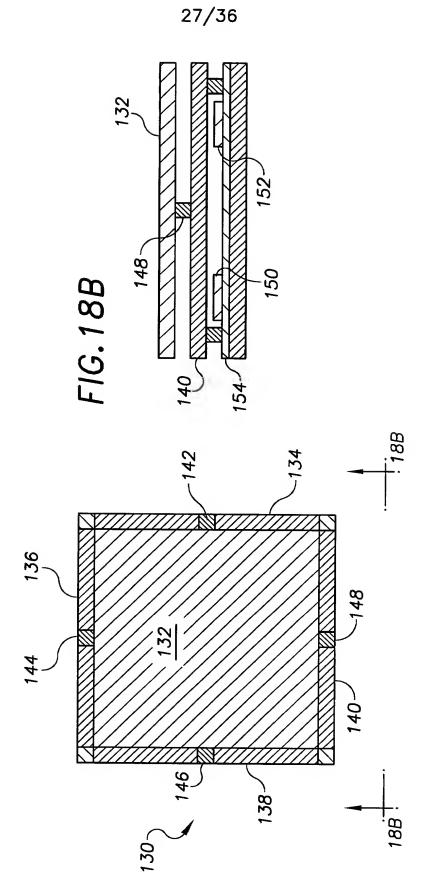


FIG. 19A

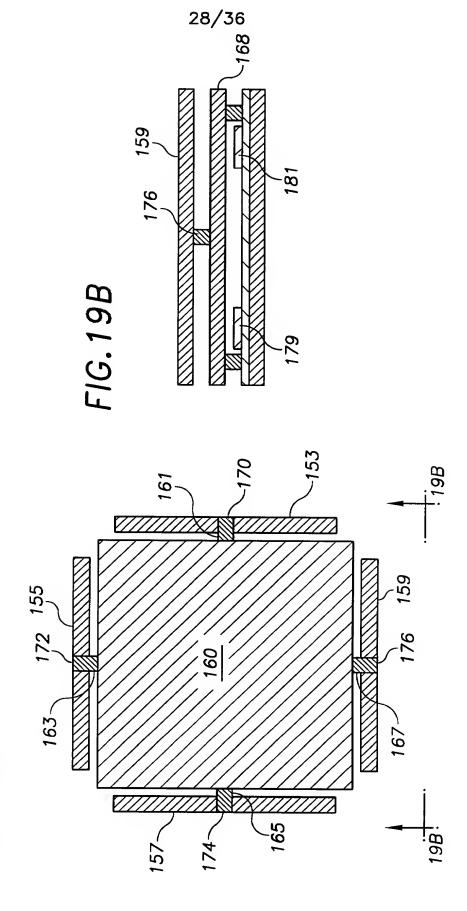
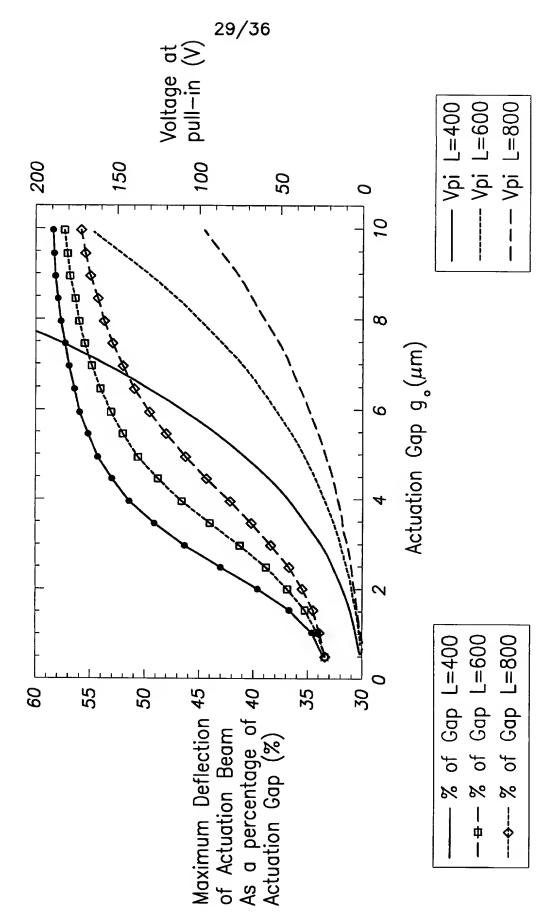


FIG.20



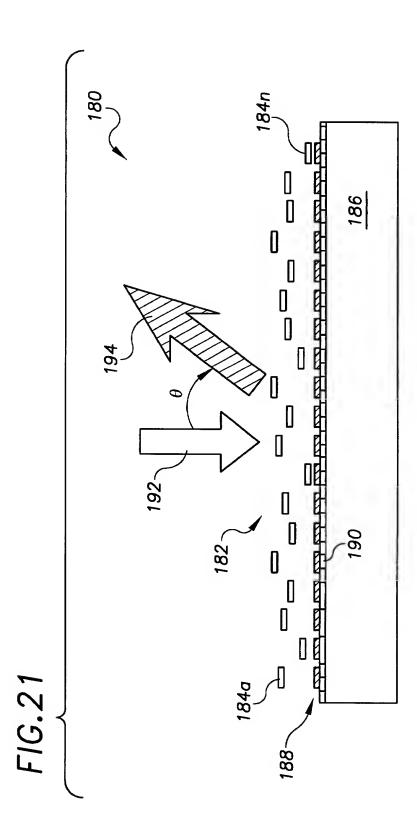
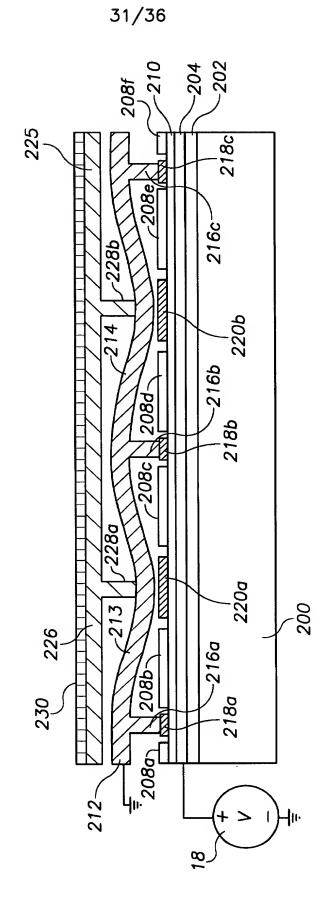


FIG.22



# FIG.23A



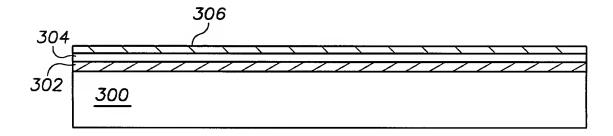


FIG.23B

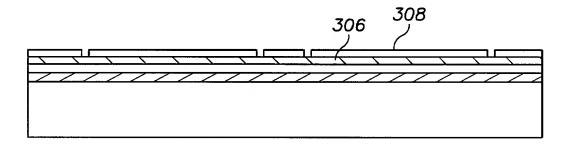


FIG.23C

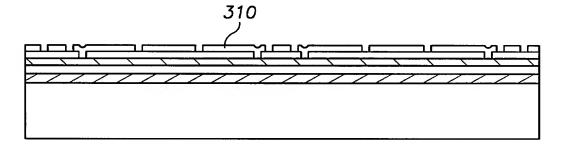
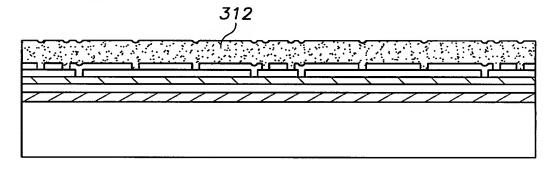


FIG.23D



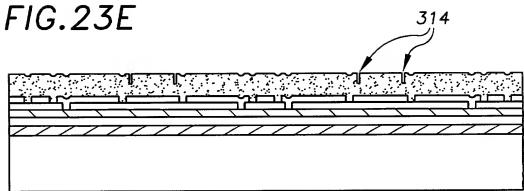


FIG.23F

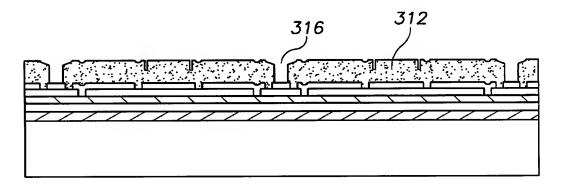
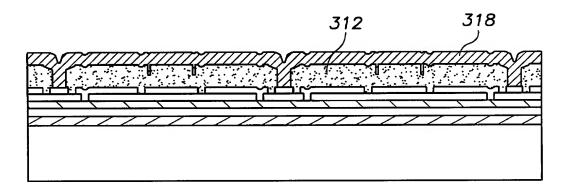
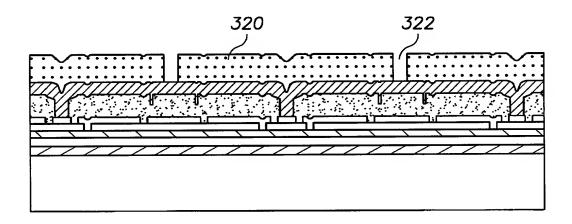


FIG. 23G



## FIG.23H



#### FIG.231

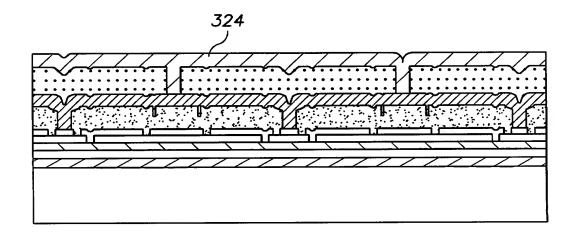


FIG.23J

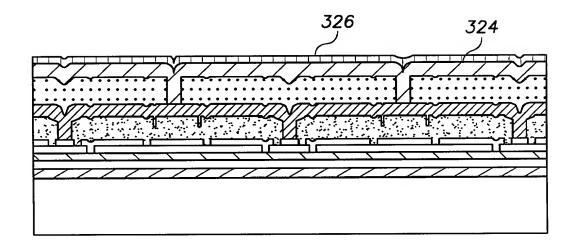


FIG.23K

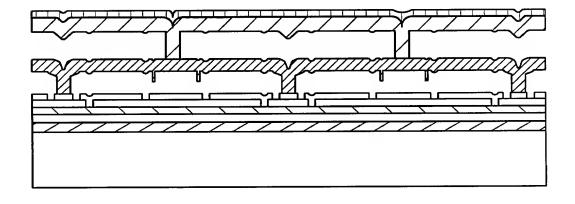


FIG.24

